## **ABSTRACT**

End-capped polymers, methods for making those end-capped polymers, compositions containing those end-capped polymers, and methods for using those compositions are disclosed.

One of the disclosed end-capped copolymers has the formula (I):

$$H_3C$$
  $CH_2$   $CH_2$   $CH_2$   $CH_2$   $CH_2$   $CH_2$   $CH_2$   $CH_3$   $CH_2$   $CH_2$   $CH_3$ 

and may be combined with natural or synthetic bone minerals, bone tissue, collagen tissue, bone protein or combinations or derivatives of those materials to form a tissue repair composition.